

AMENDMENTS TO THE CLAIMS

Please amend claims 1, 3, 4, 10 and 18 as indicated below.

Please cancel claims 2, 8, 9 and 23.

Listing of Claims

1. (Currently Amended) A medical tool comprising
a central body having an in vivo inserted end and a non inserted end,
~~wherein at least one functional unit for performing an in vivo procedure, and at least one imaging unit are integrated in said central body at said in vivo inserted end,~~
wherein said imaging unit comprises
said non inserted end comprising an internal power source and a control unit for controlling the movement of said in-vivo inserted end, and
said in-vivo inserted end comprising:
a single dome-shaped window,
~~a lens and~~ an optical system situated behind said single dome-shaped window,
an illumination source situated behind said dome-shaped window and
providing illumination therethrough, ~~said dome-shaped window having a convex shape and providing a space behind said window and within said convex shape, and~~
~~wherein the image sensor, the lens and the illumination source are situated behind the single dome-shaped window and within said space, such that the illumination source provides illumination through the dome-shaped window, and the~~
an image sensor captures for obtaining in-vivo image information by capturing
light reflected from an in vivo object through the dome-shaped window and ~~the lens~~
said optical system; and
a wireless transmitter for wirelessly transmitting said in-vivo image information to an external receiver.
2. (Canceled)
3. (Currently Amended) The tool according to claim 1, said tool ~~including being comprised of~~ silicon, plastic or metal.

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4. (Currently Amended) The tool according to claim 1 wherein ~~the functional unit~~ said non inserted end further comprises one or more elements selected from the group consisting of: graspers, blades, clamps, tissue collecting baskets, means for delivering treatment, stents, forceps, snares, hemostasis devices, dilatation balloons, catheters, sphincterotomes, guidwires, ~~and~~ suturing devices and any combination thereof.

5-6. (Canceled)

7. (Previously Presented) The tool according to claim 1 wherein the illumination source is an LED.

8. (Canceled)

9. (Canceled)

10. (Currently Amended) The tool according to ~~claim 8~~ claim 1 wherein the transmitter is an RF transmitter.

11. (Previously Amended) The tool according to claim 1 comprising a channel, wherein said channel passes through at least the central body.

12-17. (Canceled)

18. (Currently Amended) A system for performing in vivo procedures, said system comprising:

- a tool according to ~~claim 8~~ claim 1; and
- a receiver comprising a recording mechanism.

19. (Original) The system according to claim 18 comprising a monitor in communication with the receiver for displaying in vivo-information.

20. (Original) The system according to claim 18 comprising a processor for processing in vivo information.

21-22. (Canceled)

23. (Canceled)

24. (Canceled)